

In the Claims

The following listing of the claims replaces all previous listings of the claims

- A1
1. Sealing device (1) (100) for a rolling contact bearing (2) comprising:
two races (3, 4) which are coaxial to each other; ~~the device comprises~~
two inserts (5, 6) which are made of metal material and which are each coupled to a
relative race; (3, 4);
at least one sealing lip (8) which extends between the said two inserts (5, 6); and
a phonic wheel (9) which is supported by the a more external (5) of the said two inserts
(5, 6); ~~and being characterised by the fact that~~
wherein the more external of the two inserts (5) comprises an annular housing (19) for
containing the phonic wheel (9) which is axially open towards the an outside of the bearing (2),
and which presents a shield (20) which is made of vulcanised rubber material and which is
arranged in such a way as to completely seal the housing (19) ~~itself~~.
 2. Sealing device according to Claim 1, ~~characterised by the fact that~~ wherein the said
housing (19) is radially delimited by a first and a second cylindrical wall (12, 16) which form
part of the said more external insert (5); wherein the first cylindrical wall (12) defines an internal
radial support for the said phonic wheel (9), and the second wall defines an annular channel (17)
with the other insert (6).
 3. Sealing device according to Claim 2, ~~characterised by the fact that~~ wherein the said
second wall (16) presents a cylindrical edge (18), which is folded towards the other insert (6) and
which defines an outer radial limit for the shield made of vulcanised rubber (20).
 4. Sealing device according to Claim 3, ~~characterised by the fact that~~ wherein the said shield
(20) comprises two opposite radial ends (21, 22) which respectively define a static seal against a
race (3) of the bearing (2), and a dynamic seal which substantially seals the said annular channel
(17).
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